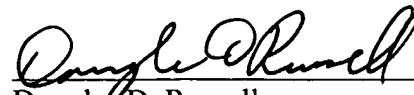


For these reasons, and in view of the above amendments, this application is now considered to be in condition for allowance and such action is earnestly solicited.

Respectfully Submitted,

4-12-02
Date



Douglas D. Russell
Attorney Applicant
Reg. No. 40152

Douglas D. Russell
Shareholder
4807 Spicewood Springs Road
Building One, Suite 1200
Austin, Texas 78759
Tel. 512-338-4601

Version of Claims with Markings to Show Changes Made

1. (once amended) A device for attracting insects comprising

a flow mechanism including an outflow channel structured and arranged to provide an outflow of air and insect attractant out of the device to the atmosphere, and an inflow channel structured and arranged to draw an inflow directed counter to the outflow, the outflow being substantially within the inflow outside of the device; and

a mounting structure being adapted to position the device with the outflow [is] directed out of the device in a direction substantially parallel to the ground.

3. (once amended) The device of claim 1 wherein [a] the mounting structure being adapted to position the device with the outflow directed out of the device in a substantially upward direction.

4. (once amended) The device of claim 1, [further comprising] wherein the mounting structure being adapted to position the device with the outflow directed out of the device towards the ground in a substantially downward direction.

5. (once amended) An insect trapping device, comprising:

a first [channel having an] opening;

a second [channel having at least one] opening[, wherein the at least one opening substantially covers the opening of the first channel];

a fan mechanism structured and arranged [with the first and second channel] to

exhaust a gaseous first flow out the first [channel] opening to atmosphere outside the device, the first flow including an insect attractant, and to draw a second flow of atmospheric air into the device from outside the device through the [at least one] second opening [into the second channel], the second flow substantially enveloping the first flow outside the device and being directed substantially counter thereto; and

a trap structured and arranged to permit the second flow to pass there through while trapping insects that enter the trapping device through the second [channel] opening with the second flow.

7. (once amended) The device of claim 5, further comprising[:]

a mesh bag having an opening for coupling to the second flow of air being drawn into the trap, the mesh bag being formed of a material structured to allow air to pass freely [there]through while inhibiting passage of insects[:].

[a flat ring made of a stiff material supporting the bag around the opening;]

[a layer of adhesive on one side of the ring;]

[a removable covering over the layer of adhesive; and]

[the ring being structured to permit the ring to be folded upon itself with the covering removed to seal the opening with the adhesive.]

13. (once amended) The method of claim 12 wherein the step of emitting a gaseous first flow further comprises emitting the insect attractant [emits] at a rate of between 200 and 500 ml/min.

14. (once amended) The method of claim 12 wherein the step of drawing a second flow further comprises drawing a second flow [inflow is] directed near the upper edge of the [outflow] first flow outside the device leading insects, which have a tendency to fly on [the edge on the] an edge of a first flow plume, into the [suction] second flow into the device.

15. (once amended) The method of claim 12 wherein the step of drawing a second flow further comprises drawing a second flow [is drawn] through a channel within the device with a flow velocity that exceeds the maximum flight velocity of selected variants of insects thereby selectively targeting certain types of insects.

18. (once amended) The method of claim 16, wherein the step of drawing a second flow further comprises drawing insects which have a tendency fly upwards to avoid danger [will be further drawn] into the [trapping] device.

21. (once amended) The method of claim 16, wherein the step of emitting a first flow further comprises emitting [insect attractant comprises] carbon dioxide insect attractant.

22. (once amended) The method of claim 16, wherein the step of emitting [the] a first flow [is] further comprises emitting a first flow in a substantially upwards direction.

23. (once amended) An insect trap, comprising:

an inner tube having open first and second ends and defining a central space

[there]between the first and second ends;

an outer tube including a closed second end proximate the second end of the inner tube, the outer tube being structured and arranged with the inner tube to provide a channel [there]between the inner and outer tubes, the channel having a substantially annular-shaped opening proximate the first end of the inner tube and communicating with the central space through the second opening of the inner tube;

a screen dividing the central space into a first section communicating with the first end of the inner tube and a second section communicating with the second end of the inner tube, the screen inhibiting passage of flying insects between the first and second sections while allowing air to flow [there]between the first and second sections;

an attractant introducer structured and arranged to provide an insect attractant to the central space;

a fan mechanism positioned to draw a flow of air into the substantially annular-shaped opening, through the channel, through the open second end of the inner tube, through the central space, to mix the flow of air with the insect attractant, and to blow the flow of air mixed with the insect attractant out the open first end of the inner tube such that the flow of air mixed with attractant is substantially encircled outside the device by the flow of air being drawn into the substantially annular-shaped opening and is directed substantially counter thereto; and

the inner and outer tubes being constructed of [clear] transparent material [such as clear acrylic or clear plastic].